## **EAST Search History**

## EAST Search History (Prior Art)

| Ref#       | Hits  | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------------|-------|---|--|---------------------|---------|---------------------|
| L1         | 2     | ("5597380").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2011/07/01<br>12:27 |
| L3         | 40512 | "607".clas.   | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | ADJ                 | ON      | 2011/07/01<br>12:56 |
| L4         | 1068  | 607/55-57,137.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ                 | ON      | 2011/07/01<br>12:57 |
| L5         | 20    | 4 and ((delay or offset)<br>and (frequency or filter\$4)<br>and amplitude).clm. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ                 | ON      | 2011/07/01<br>12:58 |
| S1         | 2     | ("4207441").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/05<br>11:08 |
| S2         | 131   | 607/55.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ                 | ON      | 2009/02/05<br>11:11 |
| S3         | 127   | 607/56.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ                 | ON      | 2009/02/05<br>11:11 |
| S4         | 460   | 607/57.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ                 | ON      | 2009/02/05<br>11:11 |
| <b>S</b> 5 | 185   | 600/377.cds.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ                 | ON      | 2009/02/05<br>11:11 |
| S6         | 151   | 600/378.cds.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ                 | ON      | 2009/02/05<br>11:11 |

| S7          | 1   | "pct/au95/00686"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>11:14 |
|-------------|-----|---|--|-----|----|---------------------|
| S8          | 4   | "pct/au01/00723"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>11:16 |
| S9          | 2   | "pct/au02/00660"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>11:16 |
| S10         | 2   | "pct/au03/00639"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>11:16 |
| S11         | 1   | "pct/au90/00407"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>11:18 |
| S12         | 182 | 607/137.cds.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>11:20 |
| <b>S</b> 13 | 349 | 623/10.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>11:22 |
| S14         | 8   | (US-20060235486-\$ or US-<br>20050192646-\$ or US-<br>20030171786-\$ or US-<br>20040172101-\$ or US-<br>20070270949-\$).did. or<br>(US-5991663-\$ or US-<br>7082322-\$ or US-<br>6002966-\$).did. | US-PGPUB;<br>USPAT                                 | ADJ | ON | 2009/02/05<br>12:53 |
| S15         | 1   | "20050033377"   | US-PGPUB;<br>USPAT                                 | ADJ | ON | 2009/02/05<br>13:09 |
| S16         | 15  | ("4408608"   "4593696").<br>PN. OR ("5991663").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR                          | ADJ | ON | 2009/02/05<br>13:47 |
| S17         | 24  | ("4918745"   "5073939"  <br>"5601617"   "5626629"  <br>"5741314"   "5800475"  <br>"5824022").PN. OR<br>("6002966").URPN.  | US-PGPUB;<br>USPAT; USOCR                          | ADJ | ON | 2009/02/05<br>14:22 |
| S18         | 8   | ("4532930"   "4617913"  <br>"5381512"   "5388182"  <br>"6002966"   "6064913"  <br>"6575894").PN. OR<br>("7082332").URPN.  | US-PGPUB;<br>USPAT; USOCR                          | ADJ | ON | 2009/02/05<br>14:22 |

| S19         | 2   | ("4593696").PN.  | US PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2009/02/05<br>15:08 |
|-------------|-----|------------------|--|-----|-----|---------------------|
| S20         | 1   | wo "9103913"     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:09 |
| S21         | 2   | ("4207441").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2009/02/05<br>15:38 |
| S22         | 131 | 607/55.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:38 |
| S23         | 127 | 607/56.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:38 |
| S24         | 460 | 607/57.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:38 |
| <b>S2</b> 5 | 185 | 600/377.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:38 |
| S26         | 151 | 600/378.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:38 |
| S27         | 1   | "pct/au95/00686" | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:38 |
| S28         | 4   | "pct/au01/00723" | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:38 |
| S29         | 2   | "pct/au02/00660" | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:38 |
| S30         | 2   | "pct/au03/00639" | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/05<br>15:38 |

| S31         | 1    | "pct/au90/00407"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>15:38 |
|-------------|------|---|--|-----|----|---------------------|
| S32         | 182  | 607/137.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>15:38 |
| S33         | 349  | 623/10.αds.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>15:38 |
| S34         | 1333 | S22 or S23 or S24 or S25<br>or S26 or S32 or S33  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>15:39 |
| <b>S3</b> 5 | 1036 | S34 and<br>@ad< "20041208"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>15:39 |
| S36         | 43   | S35 and (amplitude with<br>(temporal or delay or<br>latency))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>15:40 |
| S37         | 22   | S35 and ((amplitude or<br>peak) same (sum or<br>(weight\$4 sum)))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/05<br>16:07 |
| S38         | 13   | (US-20060235486-\$ or US-<br>20050192646-\$ or US-<br>20050177786-\$ or US-<br>200702703949-\$ or US-<br>200702703949-\$ or US-<br>20050033377-\$). did. or<br>(US-5991663-\$ or US-<br>7022332-\$ or US-<br>7310558-\$ or US-<br>6175767-\$ or US-<br>1730645-\$ or US-<br>1730645-\$ or US-<br>1730645-\$ or US-<br>1730645-\$ or US- | US-PGPUB;<br>USPAT;<br>DEFWENT                     | ADJ | ON | 2009/02/06<br>08:22 |
| S39         | 131  | 607/55.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:26 |
| S40         | 127  | 607/56.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO: DERWENT | ADJ | ON | 2009/02/06<br>08:26 |

| S41 | 460  | 607/57.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:26 |
|-----|------|--|--|-----|----|---------------------|
| S42 | 185  | 600/377.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:26 |
| S43 | 151  | 600/378.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:26 |
| S44 | 182  | 607/137.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:26 |
| S45 | 349  | 623/10.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:26 |
| S46 | 1333 | S39 or S40 or S41 or S42<br>or S43 or S44 or S45 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:26 |
| S47 | 1036 | S46 and<br>@ad<"20041208"                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:26 |
| S48 | 2    | S47 and (amplitude with priority)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:27 |
| S49 | 0    | S48 and (brain or inferior)                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>08:52 |
| S50 | 1    | 10/582055.app.                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>09:17 |
| S51 | 1    | S50 and mexican                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>09:17 |
| S52 | 8    | S38 and brain                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/02/06<br>10:13 |

| S53 | 4   | S47 and (inferior colliculus)              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/06<br>10:14 |
|-----|-----|--|--|-----|-----|---------------------|
| S54 | 2   | "20050033377"                              | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/02/06<br>10:16 |
| S55 | 2   | S38 and drug                               | US-PGPUB;<br>USPAT;<br>DERWENT                     | ADJ | ON  | 2009/02/06<br>10:36 |
| S56 | 138 | 607/55.ccls. and<br>@ad<"20070504"         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/21<br>13:55 |
| S57 | 2   | ("5597380") .PN.                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2009/10/21<br>14:19 |
| S58 | 138 | 607/55.ccls. and<br>@ad<"20070504"         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/22<br>08:51 |
| S59 | 2   | ("5597380").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2009/10/22<br>08:51 |
| S60 | 2   | ("5095904").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2009/10/22<br>10:47 |
| S61 | 0   | ("2and(sumorweight\$3)").<br>PN.           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2009/10/22<br>10:54 |
| S62 | 54  | \$58 and (sum or weight \$3)               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/22<br>11:22 |
| S63 | 58  | S58 and (sum or<br>summation or weight\$3) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/22<br>11:22 |
| S64 | 3   | S58 and (latency with function)            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/22<br>12:26 |
| S65 | 3   | "20060212095"                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/22<br>13:23 |

| S66 | 24   | S58 and drug  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/22<br>13:53 |
|-----|------|---|--|-----|-----|---------------------|
| S67 | 3    | "20060212095"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/22<br>14:04 |
| S68 | 2563 | 607/2,3,45.cds.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/23<br>11:46 |
| S69 | 1177 | S68 and<br>@ad< "20031210"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/23<br>11:46 |
| S70 | 92   | S69 and (auditory or<br>hearing) and amplitude  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/23<br>11:53 |
| S71 | 3    | "20060212095"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/23<br>12:21 |
| S72 | 20   | ("3125723"   "3535454"   "3646584"   "3629510"   "4357497"   "440590"   "4441202"   "4515158"   "4512930"   "4593696"   "4611598"   "4611598"   "4611598"   "601617"   "574912"   "5800475"   "6289247").PN. OR ("7574264").URPN. | US-PGPUB;<br>USPAT; USOCR                          | ADJ | OS  | 2009/10/23<br>12:21 |
| S73 | 162  | "5603726"   | US-PGPUB;<br>USPAT; USOCR                          | ADJ | ON  | 2009/10/23<br>12:54 |
| S74 | 111  | (("5603726") or<br>("5626629") or<br>("5601617") or<br>("5597380") or<br>("5271397") or<br>("5271397") PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2009/10/23<br>12:54 |
| S75 | 60   | ("4232679"   "4532930"  <br>"4577641"   "4592255"  <br>"4612934"   "4617913"  <br>"4745309"   "4901353"  <br>"4947844"   "5095904"  <br>"5626629"   "6068652").<br>PN. OR ("6289247").<br>URPN.                                   | US-PGPUB;<br>USPAT; USOCR                          | ADJ | ON  | 2009/10/23<br>13:14 |
| S76 | 26   | S75 and (weighted or sum or summation)  | US-PGPUB;<br>USPAT; USOCR                          | ADJ | ON  | 2009/10/23<br>13:23 |

| S77         | 3   | (("6826430") or<br>("6980864")).PN. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2009/10/23<br>13:34 |
|-------------|-----|-------------------------------------|--|-----|-----|---------------------|
| S78         | 0   | S77 and (wieghted sum)              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/23<br>13:35 |
| S79         | 2   | S77 and (weighted sum)              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/23<br>13:35 |
| S80         | 2   | "20010031909"                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/23<br>13:37 |
| S81         | 1   | S80 and (weighted sum)              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2009/10/23<br>13:38 |
| S82         | 2   | ("5597380").PN.                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2010/06/30<br>10:39 |
| S83         | 2   | ("5597380").PN.                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2011/03/02<br>15:09 |
| S84         | 2   | "20010031909"                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2011/03/02<br>15:33 |
| <b>S8</b> 5 | 2   | (dark phosphene)                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2011/03/31<br>14:50 |
| S86         | 3   | (dark percept)                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2011/03/31<br>14:51 |
| S87         | 390 | 607/53,54.cds.                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2011/03/31<br>15:10 |
| S88         | 70  | S87 and dark                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON  | 2011/03/31<br>15:11 |

| S89 | 2 | S87 and (off with pathway) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2011/03/31<br>15:20 |
|-----|---|----------------------------|--|-----|----|---------------------|
| S90 | 3 | S87 and (off same dark)    | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | ADJ | ON | 2011/03/31<br>15:20 |

## EAST Search History (Interference)

< This search history is empty>

7/1/2011 1:00:21 PM

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